



Form PTO-1449

**INFORMATION DISCLOSURE CITATION**

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Attorney Docket No.  
062004-1730Serial No.  
09/896,080Applicant  
Li, et al.Filing Date  
June 30, 2001Group  
2643**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
	B						
	C						
	D						RECEIVED
	E						FEB 08 2002
	F						Technology Center 2600
	G						
	H						
	I						
	J						
	K						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation
							Yes N
	L						
	M						
	N						
	O						

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

<i>WJ</i>	P	A Smart Antenna System of Switched Beam Array For IS-95 CDMA Mobile Communication Channels, Donghee Shim, Seungwon Choi, Kyeong Soo Lee, and Kyung Joon Lee, School of Electrical and Computer Engr, Hanyang University, Haengdang 17, Seongdong, Seoul 133-791, Korea, October 1998
	Q	
	R	

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*Bill Deane*

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*27 Sep 04*

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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>u/b</i>	A	5,590,399	12/31/96	Matsumoto, et al.	455	33.3	
<i>u/b</i>	B	5,907,816	5/25/99	Newman, et al.	455	562	
	C						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							RECEIVED Yes No
	D						
	E						JAN 23 2002
	F						Technology Center 2600
	G						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>u/b</i>	H	Special Array Feeds for Limited Field-of-View and Wide-Band Arrays, Robert J. Mailloux, Phased Array Antenna Handbook, pp. 423, 425, 438-445, 1994 Artech House, Inc.
	I	Performance of Switched Beam Systems in Battlefield TDMA Networks, Tushar Moorti and Arogyaswami Paulraj, 1996 IEEE, 8/96, pp. 215-219.
	J	Performance Evaluation of a Cellular Base Station Multibeam Antenna, Yingjie Li, Martin J. Feuerstein, and Douglas O. Reudink, IEEE Transactions on Vehicular Technology, Vol. 46, No. 1, February 1997, pp. 1-9.
	K	Beam-Selection Performance Analysis of a Switched Multibeam Antenna System in Mobile Communications Environments, Tadashi Matsumoto, Seiji Nishioka, and David J. Hooper, IEEE Transactions on Vehicular Technology, Vol. 46, No. 1, February 1997, pp. 10-20.
	L	Smart Antennas-The Practical Realities, Henry L. Bachman, 1997 IEEE, July 1997, pp. 63-70.
	M	Should the Smart Antenna Be A Tracking Beam Array or Switching Beam Array? Donghee Shim and Seungwon Choi, April, 1998, 1998 IEEE, VTC '98, pp. 494-498.
	N	Beam Falsing Loss in Switched-Beam Smart Antenna Systems, D.D.N. Bevan, 1998 IEEE, April 1998, VTC '98, pp. 1034-1038.
	O	Space-Time-Block-Coded OFDM Systems with Transmit Beamformers for High-Speed Indoor Wireless Communications, Kuo-Hui Li and Mary Ann Ingram, 2000 IEEE, VTC 2000, pp. 2473-2477.

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